

What is claimed is:

1. An electrical contact for electrically connecting two electrical interfaces, the contact comprising:

a retention portion;

an extending portion extending slantingly down from the retention portion, the extending portion defining a first and a second mating portions for respectively engaging the electrical interfaces, the extending portion defining a first engaging portion; and

a second engaging portion extending slantingly up from the retention portion for mating with the first engaging portion in order to form two electric circuit paths between the first and second mating portions when the contact electrically mates with the two electrical interfaces.

2. The electrical contact of claim 1, wherein the first engaging portion is disposed at a free end of the extending portion.

3. The electrical contact of claim 2, wherein the retention portion has two separated legs, and a connecting portion connecting the two legs.

4. The electrical contact of claim 3, wherein each of the two legs forms a plurality of barbs on an outer edge thereof.

5. The electrical contact of claim 1, wherein the extending portion has first and second spring arms and has a "U"-shaped configuration.

6. The electrical contact of claim 5, wherein the first spring arm extends slantingly down from the connecting portion, the first mating portion being disposed at a bottommost portion of the first spring arm.

7. The electrical contact of claim 6, wherein the second spring arm slantways upwardly extends from the first mating portion, the second mating portion being disposed at a topmost portion of the second spring arm.

8. An electrical connector for electrically connecting two electrical interfaces, the connector comprising:

a substantially rectangular housing defining a plurality of terminal-passages; and

a plurality of terminals each received in a corresponding terminal-passage, each of the terminals comprising a retention portion, an engaging portion extending from one end of the retention portion, and an extending portion extending from the other end of the retention portion, the extending portion defining first and second mating portions extending respectively outside the corresponding contact-passage for engaging the two electrical interfaces;

wherein the extending portion defines engaging means to mate with the engaging portion in order to form two electric circuit paths between the first and second mating portions when the contact electrically mates with the two electrical interfaces.

9. The electrical connector of claim 8, wherein the engaging means is a first engaging portion disposed at a free end of the extending portion.

10. The electrical connector of claim 9, wherein the housing defines four side walls which cooperatively define an opening therebetween.
11. The electrical connector of claim 10, wherein one of the side walls defines a first spring cantilever extending into the opening.
12. The electrical connector of claim 11, wherein the adjacent side wall defines two spaced second spring cantilevers extending into the opening.
13. The electrical connector of claim 8, wherein the retention portion has two separated legs and a connecting portion connecting the two legs, each of the legs forming a plurality of barbs on an outer edge thereof.
14. The electrical connector of claim 13, wherein the extending portion has first and second spring arms and has a “U”-shaped configuration.
15. The electrical connector of claim 14, wherein the first spring arm extends slantingly down from the connecting portion, the first mating portion being disposed at a bottommost portion of the first spring arm.
16. The electrical connector of claim 15, wherein the second spring arm extends upwardly from the first mating portion, the second mating portion being disposed at a topmost portion of the second spring arm.
17. An electrical connector assembly comprising:
a rectangular housing defining a plurality of through holes extending between opposite top and bottom faces;

a plurality of terminals retained in the corresponding through holes, respectively, each of said terminals including:

a retention portion with an extending portion extending from one side thereof, said extending portion defining successively first and second curved mating portions with respective mating apexes located beyond the bottom and top faces, respectively, when said terminal is in a relaxed manner; wherein

a distal end of the extending portion is freely spaced from other portions of the terminal except the extending portion it connects to, while is moveably engaged with a specific portion of the contact around the retention portion when said terminal is compressed by two exterior components respectively locating around top and bottom faces and imposing forces upon the mating tips.

18. The assembly of claim 17, wherein said specific portion is an engaging portion extending from the other side of the retention portion.